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**Examiner  
Signature**

/Cindy Nguyen/

Date Considered

08/21/2006

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English Language Translation is attached.

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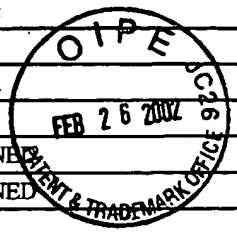
PTO/SB/8A (08-00)

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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/030,331
		Filing Date	December 28, 2001
		First Named Inventor	JIANG et al.
		Group Art Unit	NOT YET ASSIGNED
Examiner Name	NOT YET ASSIGNED		
Attorney Docket Number	A-71259/MAK		
Sheet	1	of	2



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
CN	1	5,903,892		Hoffert et al.	05/1999	
CN	2	5,920,852		Graupe		
CN	3	5,983,220		Schmitt		

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
CN	4	WO	97/12333	A1	Infonautics Corp.	04/1997	
CN	5	WO	99/05618	A1	Microsoft Corp.	02/1999	

Examiner Signature	/Cindy Nguyen/	Date Considered	08/09/2006
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English Language Translation is attached.

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Substitute for form 1449A/PTO  <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/030,331
				Filing Date	October 28, 2001
				First Named Inventor	Jason JIANG
				Group Art Unit	2161
				Examiner Name	Cindy Nguyen
Sheet	2	of	2	Attorney Docket Number	A-71259/DJB/VEJ

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	†	
CN	B18	HEARST, M. et al., "Reexamining the Cluster Hypothesis: Scatter/Gather on Retrieval Results", Proceedings from the Nineteenth ACM SIGIR Conference on Information Retrieval, 1996, 79-84.		
CN	B19	KWOK, K.L., "A New Method of Weighting Query Terms for Ad-Hoc Retrieval", Proceedings of the 19th Annual International ACM SIGIR Conference on Research and Development in Information Retrieval, SIGIR '96, August 18-22, 1996, Zurich, Switzerland. (Special Issue of the SIGIR Forum) ACM 1996, ISBN 0-89791-792-8.		
CN	B20	LEWIS, M., "Enquire Within: Hints on constructing a free-text database", Practical Computing, 1985.		
CN	B21	RASMUSSEN E., "Clustering Algorithms", Information Retrieval: Algorithms and Data Structures, Chapter 16, 419-442, W.B. Franke and R. Baeza-Yates, Prentice Hall (1992).		
CN	B22	SALTON, G et al., "Introduction To Modern Information Retrieval", 118-155 and 257-301, McGraw-Hill (1983).		
CN	B23	SALTON, G. et al., "A Vector Space Model For Automatic Indexing," Communications of the ACM, 1975, 18, 11, 613-620.		
CN	B24	SALTON, G., "Automatic Information Organization And Retrieval", 84-87, 110-115, 151-153, 166-169, 235-237, 322-325 and 422-449, McGraw-Hill (1968).		
CN	B25	SALTON, G., "Automatic Text Processing", Addison-Wesley, Reading, Massachusetts, 1989, with reference to: Chapter 8 entitled "Conventional Text-Retrieval Systems", Chapter 9 entitled "Automatic Indexing", Chapter 10 entitled "Advanced Information-Retrieval Models" and Chapter 11 entitled "Language Analysis and Understanding".		
CN	B26	STRZALKOWSKI, T. et al., "Natural Language Information Retrieval TREC-6 Report", Proceedings of the Sixth TREC Text Retrieval Conference, NIST Special Publication, 1997, 500-240, 347-366.		
CN	B27	STRZALKOWSKI, T. et al., "Natural language Information Retrieval TREC-5 Report", Proceedings of the Fifth TREC Retrieval Conference, NIST Special Publication, 1996, 500-238, 391-413.		
CN	B28	STRZALKOWSKI, T. et al., "Natural Language Information Retrieval TREC-4 Report", Proceedings of the Fourth TREC Retrieval Conference, NIST Special Publication, 1995, 500-236, 245-258.		
CN	B29	VAN RIJSBERGEN, C.J., "Information Retrieval", 10-47 and 74-85, Butterworths (1979).		
CN	B30	WITTEN, I.H. et al., "Managing Gigabytes: Compression and Indexing Documents and Images", 116-174, Van Nostrand Reinhold (1994).		

Examiner Signature	/Cindy Nguyen/	Date Considered	08/09/2006
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Substitute PTO/SB/8A (08-00)

<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/030,331
				Filing Date	October 28, 2001
				First Named Inventor	Jason JIANG
				Group Art Unit	2161
				Examiner Name	Cindy Nguyen
Sheet	1	of	2	Attorney Docket Number	A-71259/DJB/VEJ

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	U.S. Patent Document Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
CN	B1	5,724,022	03-03-1998	Burrows	
	B2				
	B3				
	B4				
	B5				

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Foreign Patent Document Country Code <sup>2</sup> Number <sup>2</sup> Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
	B6					
	B7					
	B8					
	B9					
	B10					

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CN	B11	< <a href="http://www.cs.umbc.edu/ngram/">http://www.cs.umbc.edu/ngram/</a> >, list entitled "Research on N-Grams in Information Retrieval", September 1997.	
CN	B12	ALLAN, J. et al., "Recent Experiments in INQUERY", Proceedings of the Fourth TREC Retrieval Conference, NIST Special Publication 1995, 500-236, 49-63.	
CN	B13	COHEN, J.D., "Language and Domain Independent Automatic Indexing Terms for Abstracting", Journal of the American Society for Information Science, 1995, 46(3), 162-174.	
CN	B14	DEERWESTER, S., et al, "Indexing by Latent Semantic Analysis", Journal of the American Society for Information Science, 1990, 41(6):391-407.	
CN	B15	DOSZKOCS, T.E., "CITE NLM: Natural Language Searching in an Online Catalog", Information Technology and Libraries, December 1983, pp 364-380.	
CN	B16	GROSSMAN, D.A. et al., "Information Retrieval: Algorithms and Heuristics", 1-132, Kluwer Academic Publishers (1998).	
CN	B17	HARMAN, D., "Ranking Algorithms", Information Retrieval: Algorithms and Data Structures, Chapter 14, 363-392, W.B. Franke and R. Baeza-Yates, Prentice Hall (1992).	

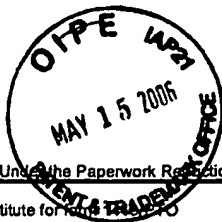
Examiner Signature	/Cindy Nguyen/	Date Considered	08/09/2006
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PTO/SB/08B (07-05)

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Substitute for Form PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/030,331
Filing Date	June 30, 2000
First Named Inventor	Jason JIANG
Art Unit	2161
Examiner Name	Cindy Nguyen
Attorney Docket Number	A-71259 (461124-00022)

Sheet 1 of 1

**NON PATENT LITERATURE DOCUMENTS**

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CN		KAREN SPARK JONES and PETER WILLETT, Readings in Information Retrieval, 1997, title page and table of contents, Morgan Kaufmann Publishers, San Francisco	
CN		GERARD SALTON, Automatic Text Processing, 1989, pg. 303-309, 313-345, and 377-424, Addison-Wesley, Cornell University	
CN		JUSTIN ZOBEL and ALISTAIR MOFFAT, Exploring the Similarity Space, Spring 1998, ACM SIGIR Forum	

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				Filing Date	December 28, 2001
				First Named Inventor	JIANG et al.
				Group Art Unit	NOT YET ASSIGNED
				Examiner Name	NOT YET ASSIGNED
				Attorney Docket Number	A-71259/MAK
Sheet	1	of	2		

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Examiner Signature		Date Considered	02/10/05
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